

[CLAIMS]

- 1] A flat and round shaped delivery apparatus for medical fluids characterized by the fact that a projecting-holder for a tubular-body to wind around is formed in the center of an upper case, both ends of said tubular-body being wound around said projecting-holder, and connected to a branch-conduit; a hose for medical fluids is connected and fixed to said branch-conduit; and a lower case, which combines with said upper case.
- 2] The apparatus of claim 1 characterized by an intermediate-ring provided between said upper case and said lower case.
- 3] The apparatus of claim 1 characterized by fixing-projectors which are formed on said branch-conduit in order to affix said branch-conduit and which are combined and fixed with fixing-grooves formed on counterpart parts of said upper case or said lower case.
- 4] The apparatus of claim 1 characterized by an injection-port on one end of said branch-conduit, formed and combined with an injection-valve with one directional flow, and the injection-valve is exposed to a passageway hole of said upper case thereafter.
- 5] The apparatus of claim 4 characterized by a lid, which opens and closes when it is pressed, in order to cover said passageway hole of said upper case.
- 6] The apparatus of claim 5 characterized by the fact that said lid has a scored folding line on an exterior side of said lid and a V-shaped slot on an interior side of said lid; the lid below said scored folding line is affixed to said upper case, and its exterior side is raised when said scored folding line is pressed, enabling said lid to open and close.
- 7] The apparatus of claim 1 characterized by the fact that said

tubular-body, in a stretched state is wound onto the projecting-holder.

8] The apparatus of claim 1 characterized by the fact that a recess groove is formed on said branch-conduit and said affixing member is fixed by applying pressure to said recess groove.

9] The apparatus of claim 8 characterized by the fact that a rabbit groove is additionally formed on said recess groove and a projecting-ring is formed on said affixing member so as to occlude with said rabbit groove.

10] The apparatus of claim 8 characterized by the fact that said affixation member is formed in two-layers and an interior side of said affixation member is incised so as to react elastically.

11] The apparatus of claim 8 characterized by the fact that said recess groove of said branch-conduit, when in a state of being doubly sheathed over said tubular-body, is affixed by pressure.